

REMARKS

Claims 1-18 are all the claims pending in the application. Claims 11-18 are added by way of this Amendment in order to further define the present invention.

New claims 11-18 are supported by the originally filed specification. See, for example, paragraphs [0030], [0032], and [0038] – [0043] of the originally filed specification.

Moreover, independent claims 1 and 6 are amended to clarify the invention. In particular, the claims clarify that the motion detection unit outputs position changes of a system body in space based on three-dimensional motions of the system body, and that the control unit, tracks the three-dimensional motions based on the output electric signal, produces a virtual handwriting plane in space with respect to the tracked motions of the system body, and projects the positions onto the virtual handwriting plane. Thus, the virtual handwriting plane is produced based on the tracked three-dimensional motions of the system body, and then the positions are projected onto the virtual handwriting plane. No other prior art references is capable of this aspect of the present invention.

In the prior art, tracked positions are projected onto a predetermined plane; in other words, the production of the handwriting plane is not dependent on the position of the system body. In contrast, the virtual handwriting plane of the present invention is produced based on the position changes of the system body; it is not predetermined before the system body moves.

In the Advisory Action, the Examiner argues that whether or not the virtual handwriting plane exists before a tracked position occurs is irrelevant (page 2, first paragraph). However,

since the claims recite that the virtual handwriting plane is produced based on the tracked motions of the system body, it could not exist before a tracked position occurs.

In essence, the Examiner's position does not take into consideration that the virtual handwriting plane of the present invention is produced based on the movements of the system body. In other words, the plane is produced based on the movements and not predetermined; this is in stark contrast to the prior art in which the plane is predetermined without any regard to the system body movements.

Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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